

Optical data stores comprising a Co phthalocyanine having an axial substituent  
and an axial ligand in the light-writable information layer

A b s t r a c t

Optical data carriers whose information layer comprises at least one light-absorbent compound which is a Co(III) phthalocyanine in which the Co metal centre bears an axial substituent R<sup>1</sup> and an axial coordinated ligand R<sup>2</sup>, where R<sup>1</sup> is CN, SCN, halogen, in particular Cl, Br or F, alkoxy, aryloxy, arylthio or alkylthio and R<sup>2</sup> is no ligand or substituted or unsubstituted amine, water, an alcohol, H<sub>2</sub>S, a thioalcohol or an isonitrile.